

DM

FLEXIBLE TUBE FOR ENDOSCOPE

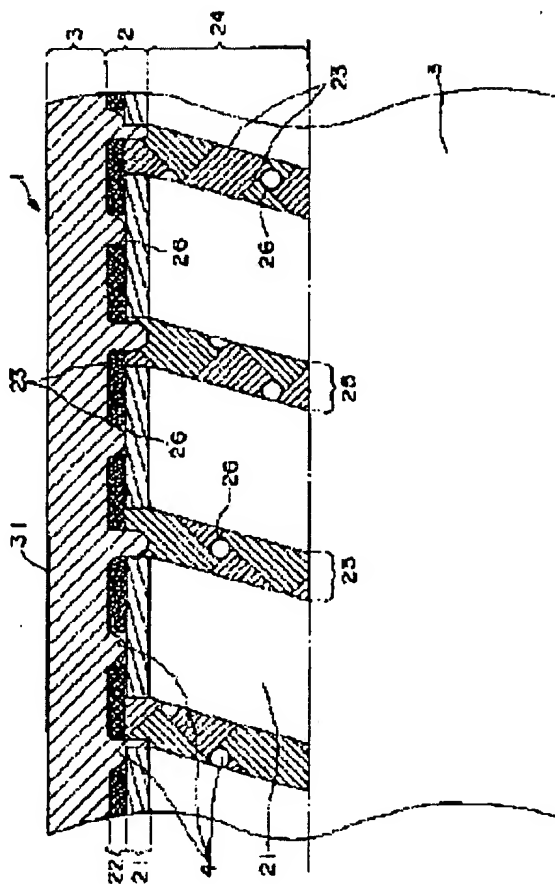
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- **European:**
Application number: JP20000174177 20000609
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Abstract of JP2001346754

PROBLEM TO BE SOLVED: To provide a flexible tube for an endoscope of the excellent elasticity and hydrolysis resistance.

SOLUTION: This flexible tube 1 of an insertion part comprises a spiral pipe 21, a net-like pipe 22 for covering the outer circumference of the spiral pipe 21, and an outer skin 3 for covering the outer circumference of the net-like pipe 22. At least an outer surface of the outer skin 3 is formed of a material containing an ester-based polyurethane elastomer and a hydrolysis inhibitor for inhibiting the hydrolysis of the material. The hydrolysis inhibitor is a polymer having the weight average molecular weight of 300 to 3,000, and at least one kind of the monomer constituting the polymer preferably has a carbodiimide group. The content of the hydrolysis inhibitor is preferably 0.5-50 wt. %.



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